

# Costs of Alternative Methods for Disposing of Wheat Straw Residue Box Elder County, Utah, 1997

	Total Farm		Grain				Your Cost
	Hours	Annual Cost	Total Hours	Total Cost	Cost//Hour	Cost/Acre	
	Dollars			Dollars			
Conventional Tillage							
150 HP 4WD	645	23,204.00	154	5,540.00	36.00	37.00	
16'offset disk (twice)	56	2,324.00	40	1,660.00	42.00	11.00	
4 bottom 18" moldboard plow	80	1,546.00	64	1,237.00	19.00	8.00	
14X55' land plane (twice)	70	2,389.00	50	1,706.00	34.00	11.00	
Application of Nitrogen <sup>1/</sup>	0	0.00	20	600.00	30.00	4.00	
Total Cost - Conventional Tillage				10,743.00	161.00	71.62	
Baling Straw							
Receipts							
Straw Sales \$25/Ton (1.5 ton/acre)				(5,625.00)			
Expenses							
150 HP 4WD	767	25,945.00	192	6,495.00	34.00	43.00	
16'offset disk (twice)	56	2,324.00	40	1,660.00	42.00	11.00	
4 bottom 18" moldboard plow	80	1,546.00	64	1,237.00	19.00	8.00	
14X55' land plane (twice)	70	2,389.00	50	1,706.00	34.00	11.00	
Custom Baling		2,700.00		2,700.00		18.00	
Loader Attachment on Tractor	73	987.00	38	514.00	14.00	3.00	
2-ton Flat Bed Truck	25	917.00	5	183.00	37.00	1.00	
Total Expenses				14,495.00	179.00	96.63	
Net Cost - Baling Straw				8,870.0		59.13	
Burning Straw							
150 HP 4WD	600	22,147.00	43	1,587.00	37.00	11.00	
16' offset disk (once)	33	2,122.00	18	1,157.00	64.00	8.00	
14X55' land plane (once)	45	2,258.00	25	1,254.00	50.00	8.00	
Total Cost - Burning Straw				3,999.00	151.00	26.66	

<sup>1/</sup> Commercial application.

Assumptions: Costs are calculated assuming the farm consists of 350 total acres 150 of which is irrigated wheat, and the straw is disposed of and the seed bed is prepared for planting the next crop.

Budget prepared by Yasmin O. Adam and Devon Bailey